STATEMENT OF BASIS

as required by LAC 33:IX.3109, for draft **Louisiana Pollutant Discharge Elimination System Permit No. LA0109053; AI 85249; PER20080001** to discharge to waters of the **State of Louisiana** as per LAC 33:IX.2311.

The **permitting authority** for the Louisiana Pollutant Discharge Elimination System (LPDES) is:

Louisiana Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

I. **THE APPLICANT IS:** Blue Bayou Water Park, LLC
Blue Bayou Water Park/Dixie Landing
18142 Perkins Road
Baton Rouge, LA 70810

II. **PREPARED BY:** Angela Marse

DATE PREPARED: June 1, 2009

III. **PERMIT ACTION:** reissue LPDES permit LA0109053, AI 85249; PER20080001

LPDES application received: September 19, 2008

LPDES permit issued: March1, 2004
LPDES permit expired: February 28, 2009

IV. **FACILITY INFORMATION:**

A. The application is for the discharge of treated sanitary wastewater, food service wastewater, non-contact condensate from air conditioners, pool overflow and draining, pool filter backwash, maintenance wastewater, and stormwater runoff from Blue Bayou Water Park and Dixie Landing Amusement Park.

B. The permit application does not indicate the receipt of industrial wastewater.

C. The facility is located at the corner of Highland Road and Perkins Road in Baton Rouge, East Baton Rouge Parish.

D. The treatment facility of an oil/water separator for food service and activated sludge/extended aeration for sanitary wastewater. Disinfection is by chlorination.

E. Outfall 001

Discharge Location: Latitude 30° 20' 36" North
Longitude 91° 1' 34" West

Description: treated sanitary wastewater, non-contact condensate from air conditioners, and food service wastewater

Expected Flow: 0.035 MGD

Type of Flow Measurement which the facility is currently using: square-notched weir

Outfall 002

Discharge Location: Latitude 30° 20' 37" North
Longitude 91° 1' 27" West

Description: water from off-season pool draining, pool overflow during the operating season, maintenance wastewater, pool filter backwash, and stormwater runoff as described below:

Stormwater = 4.5 MGD
Pool backwash = 0.0064 MGD
Pool overflow and maintenance = 0.002 MGD
Pool draining (Lazy River, Plunge, Conga, Kids, Racer, Wave Pool, Azuka, Twosome, Moccasin)
- November – 0.5 MGD
- February – 0.4 MGD
- March – 0.04 MGD
- April – 0.04 MGD

Expected Flow: 5.48 MGD*

Type of Flow Measurement which the facility is currently using: estimated based on stop watch and bucket

Outfall 003

Discharge Location: Latitude 30° 20' 28" North
Longitude 91° 1' 25" West

Description: water from off-season pool draining, pool overflow during the operating season, maintenance wastewater, pool filter backwash, and stormwater runoff as described below:

Stormwater = 4.5 MGD
Pool backwash = 0.0035 MGD
Pool overflow and maintenance = 0.001 MGD
Pool draining(Serpentine, Voodoo, Log Ride, Rampage, Pirate's Cove)
- December – 0.068 MGD
- January – 0.285 MGD
- March – 0.09 MGD
- April – 0.08 MGD

Expected Flow: 5 MGD*

Type of Flow Measurement which the facility is currently using: estimated based on stop watch and bucket

*This is an estimate of the maximum daily expected flow. It is based on the 24-hour, 25-year rainfall event and acreage of the facility. It also includes non-stormwater discharges.

V. RECEIVING WATERS:

The discharge is into parish drainage, thence into Bayou Manchac in segment 040201 of the Lake Ponchartrain Basin. This segment is listed on the 303(d) list of impaired waterbodies.

The designated uses and degree of support for Segment 040201 of the Lake Ponchartrain Basin are as indicated in the table below[1/]:

Overall Degree of Support for Segment 040201	Degree of Support of Each Use						
Not Supported	Primary Contact Recreation	Secondary Contact Recreation	Propagation of Fish & Wildlife	Outstanding Natural Resource Water	Drinking Water Supply	Shell fish Propagation	Agriculture
	Not Supported	Not Supported	Not Supported	N/A	N/A	N/A	N/A

[1/]The designated uses and degree of support for Segment 040201 of the Lake Ponchartrain Basin are as indicated in LAC 33:IX.1123.C.3, Table (3) and the 2006 Water Quality Management Plan, Water Quality Inventory Integrated Report, Appendix A, respectively.

Section 303 (d) of the Clean Water Act, as amended by the Water Quality Act of 1987 and EPA's regulations at 40 CFR 130, require that each state identify those waters within its boundaries not meeting water quality standards. The Clean Water Act further requires states to implement plans to address impairments. LDEQ is developing Total Maximum Daily Loading Studies (TMDLs) to address impaired waterbodies. Segment 040201 of the Lake Pontchartrain Basin is on the 2006 Integrated 303(d) List of Impaired Waterbodies. Causes of impairment are ammonia, phosphorus, nitrite, organic enrichment/low DO, chlorides, sulfates, total dissolved solids, and pathogen indicators. To date no TMDLs have been completed for this waterbody. Impairments are addressed in the permit in a manner consistent with the Department's permitting guidance for implementing Louisiana's surface water quality standards as follows:

Chlorides, sulfates, and total dissolved solids

The cause of the chlorides, sulfates, and total dissolved solids impairments are not attributed to discharges of this kind. According to the 305(b) Water Quality Inventory, they are attributed to increased land development and site clearing in the area. Nonetheless, a total residual chlorine limit has been included in the permit due to use of chlorine for pool water disinfection in numerous large pools on site. These pools are drained annually.

Dissolved oxygen and nutrients (ammonia, nitrite, phosphorus)

Carbonaceous biochemical oxygen demand ($CBOD_5$) is the amount of oxygen required by bacteria to oxidize biologically degradable material (normally organic matter) found in wastewater, effluents, and polluted waters. The test measures the amount of oxygen consumed by a sample by naturally occurring bacteria over a five-day period. Monitoring for $CBOD_5$ is the best indicator by which to measure the potential discharge of oxygen consuming pollutants at levels that will result in dissolved oxygen below that of state water quality standards. Therefore, to protect against potential discharges resulting in DO levels below that of state water quality standards for the receiving waterbody, $CBOD_5$ limits have been

placed in the permit at outfall 001. When oxygen-demanding substances are controlled and limited to ensure that the dissolved oxygen criterion is supported, nutrients are also controlled and limited. However, until the TMDL is developed and the permit is reissued or modified, monitoring of total kjeldahl nitrogen and ammonia will be required at outfall 001.

Pathogen Indicators

Monitoring for fecal coliform is the best indicator for the potential presence of pathogenic organisms in wastewater. To protect against potential receiving water impairments due to pathogens, fecal coliform limits have been established in the permit. Permit limits are reflective of water quality standards for primary contact recreation, a designated use of the receiving stream.

VI. ENDANGERED SPECIES:

The receiving waterbody, Subsegment 040201 of the Lake Ponchartrain Basin, is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U. S. Fish and Wildlife Service (FWS). This strategy was submitted with a letter dated November 17, 2008 from Rieck (FWS) to Nolan (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. It was determined that the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat.

VII. HISTORIC SITES:

The discharge is from an existing facility location, which does not include an expansion beyond the existing perimeter. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the 'Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits' no consultation with the Louisiana State Historic Preservation Officer is required.

VIII. PUBLIC NOTICE:

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation
Office of Environmental Services Public Notice Mailing List

For additional information, contact:

Mrs. Angela Marse
Water Permits Division
Department of Environmental Quality
Office of Environmental Services
P. O. Box 4313
Baton Rouge, Louisiana 70821-4313

IX. PROPOSED PERMIT LIMITS:

Final Effluent Limits:

OUTFALL 001
Outfall 001 is for the discharge of food service wastewater, non-contact air conditioning condensate/cooling water, maintenance shop floor washwater, and sanitary wastewater.

The previous permit contained an effluent limit for total residual chlorine (TRC), CBOD, TSS, fecal coliform, pH, and oil and grease. Reporting requirements for ammonia, phosphorus, and total kjeldahl nitrogen (TKN) were also included in the permit. TRC limits have been removed from this outfall. It is not LDEQ's policy to limit TRC on sanitary discharges of this volume and no pool water is drained through outfall 001. Monitoring for phosphorus is not included in the draft permit. Discharge monitoring reports (DMRs) were reviewed for a 2 year period beginning in December, 2006. Data for phosphorus did not show any concentrations above 5.47 mg/l at outfall 001 and this appeared isolated. The geometric mean was 0.804 mg/l. Ammonia and TKN monitoring is required in the draft permit. Noticeable spikes in concentration occurred during the operating season when the receiving stream may be at critical conditions given low flow and higher temperatures. A reopener clause has been included in the permit should effluent limits for TKN and ammonia be required by the TMDL. All other permit limits have remained the same as the previous permit. Permit limits have been changed from weekly average to daily maximum since this is a privately owned facility.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg.	Daily Max.	Basis
$CBOD_5$	10 mg/l	15 mg/l	Effluent limitations are based on the previous permit.
TSS	15 mg/l	23 mg/l	Since there is no numeric water quality criterion for TSS, and in accordance with the current Water Quality Management Plan, the TSS effluent limitations shall be based on a case-by-case evaluation of the treatment technology being utilized at a facility. Therefore, a Technology Based Limit has been established through Best Professional Judgement for the type of treatment technology utilized at this facility.
Ammonia	Report mg/l	Report mg/l	BPJ based on the previous permit.
TKN	Report mg/l	Report mg/l	BPJ based on the previous permit.
Oil and grease	---	15 mg/l	BPJ based on food service facilities and the previous permit.

*Concentration limits are used in accordance with LAC 33:IX.2709.F.1.b which states that mass limitations are not necessary when applicable standards and limitations are expressed in other units of measurement. LAC 33:IX.709.B references LAC 33:IX.711 which express BOD_5 and TSS in terms of concentration.

Other Effluent Limitations:

1) Fecal Coliform

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. According to LAC 33:IX.1113.C.5., the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Daily Maximum) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgment in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

2) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

3) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

Final Effluent Limits:

OUTFALL 002 and 003

Outfalls 002 and 003 are for the discharge of pool water draining (once/year), pool filter backwash, pool overflow, stormwater runoff, and maintenance wastewater. The previous permit contained effluent limits for CBOD, TSS, fecal coliform, oil and grease, TOC, TRC, and pH. A reporting requirement for ammonia was also included in the permit. Because there is no discharge of sanitary wastewater from outfalls 002 and 003, sanitary effluent limitations for CBOD and TSS and reporting of ammonia have been removed from the permit at these outfalls.

Final limits shall become effective on the effective date of the permit and expire on the expiration date of the permit.

Effluent Characteristic	Monthly Avg	Daily Max.	Basis
TOC	---	50 mg/l	BPJ based on the Stormwater Pollution Prevention Plan requirement in Section B of the permit.
Oil and grease	---	15 mg/l	BPJ based on the Stormwater Pollution Prevention Plan requirement in Section B of the permit

Other Effluent Limitations:

1) Fecal Coliform

The discharge from this facility is into a water body which has a designated use of Primary Contact Recreation. The outfalls can discharge pool overflow or water from pool draining which can contain bacteria. According to LAC 33:IX.1113.C.5., the fecal coliform standards for this water body are 200/100 ml and 400/100 ml. Therefore, the limits of 200/100 ml (Monthly Average) and 400/100 ml (Daily Maximum) are proposed as Fecal Coliform limits in the permit. These limits are being proposed through Best Professional Judgment in order to ensure that the water body standards are not exceeded, and due to the fact that existing facilities have demonstrated an ability to comply with these limitations using present available technology.

2) pH

The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units at any time. (Limits as established through BPJ considering BCT for similar waste streams in accordance with LAC 33:IX.5905.C.)

3) Solids and Foam

There shall be no discharge of floating solids or visible foam in other than trace amounts in accordance with LAC 33:IX.1113.B.7.

4) Total Residual Chlorine

Since chlorination is used in swimming pools to eliminate or reduce bacteria, the effluent shall contain NO MEASURABLE Total Residual Chlorine (TRC) after disinfection and prior to disposal. Given the current constraints pertaining to chlorine analytical methods, NO MEASURABLE will be defined as less than 0.1 mg/l of chlorine. The TRC shall be monitored weekly by grab sample.

X. PREVIOUS PERMITS:

LPDES Permit No. LA0109053: Issued: March 1, 2004
Expired: February 28, 2009

Outfall 001 – Interim Limits

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Monthly Avg.	Weekly Avg.	Measurement Frequency	Sample Type
Flow	Report	Report	1/week	Measure
$CBOD_5$	10 mg/l	15 mg/l	1/month	Grab
TSS	15 mg/l	23 mg/l	1/month	Grab
Oil & grease	---	report mg/l	1/month	Grab
TRC	---	NO MEASURABLE	1/week	Grab
Ammonia-Nitrogen	report mg/l	report mg/l	1/month	Grab
Phosphorus	report mg/l	report mg/l	1/month	Grab
Kjeldahl Nitrogen	report mg/l	report mg/l	1/month	Grab
Fecal Coliform Colonies	200	400	1/month	Grab
pH	---	---	1/month	Grab

Outfall 001 – Final Limits

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Monthly Avg.	Weekly Avg.	Measurement Frequency	Sample Type
Flow	Report	Report	1/week	Measure
$CBOD_5$	10 mg/l	15 mg/l	1/month	Grab
TSS	15 mg/l	23 mg/l	1/month	Grab
Oil & grease	---	15 mg/l	1/month	Grab
TRC	---	NO MEASURABLE	1/week	Grab
Ammonia-Nitrogen	report mg/l	report mg/l	1/month	Grab
Phosphorus	report mg/l	report mg/l	1/month	Grab
Kjeldahl Nitrogen	report mg/l	report mg/l	1/month	Grab
Fecal Coliform Colonies	200	400	1/month	Grab
pH	---	---	1/month	Grab

Outfall 002 – Final Limits

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Monthly Avg.	Weekly Avg.	Measurement Frequency	Sample Type
Flow	Report	Report	1/week	Measure
$CBOD_5$	10 mg/l	15 mg/l	1/month	Grab
TSS	15 mg/l	23 mg/l	1/month	Grab
TOC	---	Report mg/l		
Oil & grease	---	15 mg/l	1/month	Grab
TRC	---	NO MEASURABLE	1/week	Grab
Ammonia-Nitrogen	report mg/l	report mg/l	1/month	Grab
Fecal Coliform Colonies	200	400	1/month	Grab
pH	---	---	1/month	Grab

Outfall 003 – Final Limits

Effluent Characteristic	Discharge Limitations		Monitoring Requirements	
	Monthly Avg.	Weekly Avg.	Measurement Frequency	Sample Type
Flow	Report	Report	1/week	Measure
$CBOD_5$	10 mg/l	15 mg/l	1/month	Grab
TSS	15 mg/l	23 mg/l	1/month	Grab
TOC	---	50 mg/l		
Oil & grease	---	report mg/l	1/month	Grab
TRC	---	NO MEASURABLE	1/week	Grab
Ammonia-Nitrogen	report mg/l	report mg/l	1/month	Grab
Fecal Coliform Colonies	200	400	1/month	Grab
pH	---	---	1/month	Grab

***The facility was issued a minor modification, effective August 1, 2004, to reduce monitoring of phosphorus and total kjeldahl nitrogen from 1/month to 1 quarter at outfall 001. However, a DMR review for the previous two years indicated the facility continued to monitor 1/month for these parameters.**

XI. ENFORCEMENT AND SURVEILLANCE ACTIONS:

A) Inspections

A review of the files indicates the following most recent inspection was performed for this facility.

Date: September 24, 2004
Inspector: Rudy Melon
Findings and/or Violations:

1. The inspection was performed to determine where the discharge from outfalls 002 and 003 flowed. It was determined they flowed to an unnamed ditch, thence to a lake at Santa Maria.

B) Compliance and/or Administrative Orders

A review of the files indicates no recent enforcement actions administered against this facility.

C) DMR Review

A review of the discharge monitoring reports for the period beginning December, 2006 through December, 2008 has revealed the following violations:

Parameter	Outfall	Period of Excursion	Permit Limit	Reported Quantity
CBOD	001	July, 2007	10 mg/l	26 mg/l
CBOD	001	July, 2007	15 mg/l	26 mg/l
CBOD	001	Aug, 2007	10 mg/l	47. 8 mg/l
CBOD	001	Aug,2 007	15 mg/l	47. 8 mg/l
CBOD	001	Sept, 2007	10 mg/l	35.3 mg/l
CBOD	001	Sept, 2007	15 mg/l	35.3 mg/l
CBOD	001	Nov, 2007	10 mg/l	42 mg/l
CBOD	001	Nov, 2007	15 mg/l	42 mg/l
CBOD	001	June, 2008	10 mg/l	18 mg/l
CBOD	001	June, 2008	15 mg/l	18 mg/l
CBOD	001	July, 2008	10 mg/l	28.6 mg/l
CBOD	001	July, 2008	15 mg/l	28.6 mg/l
TSS	001	Jun, 2007	15 mg/l	19 mg/l
TSS	001	July, 2007	15 mg/l	48 mg/l
TSS	001	July, 2007	23 mg/l	48 mg/l
TSS	001	Sept, 2007	15 mg/l	30 mg/l
TSS	001	Sept, 2007	23 mg/l	30 mg/l
TSS	001	Mar, 2008	15 mg/l	17 mg/l
TSS	001	July, 2008	15 mg/l	22 mg/l
TRC	001	Aug, 2007	0.1 mg/l	2 mg/l
TRC	001	Sept, 2007	0.1 mg/l	1.3 mg/l
Oil and grease	001	Sept, 2007	15 mg/l	27.9 mg/l
Fecal col	001	June, 2007	200/100 ml	14600/100 ml
Fecal col	001	June, 2007	400/100 ml	14600/100 ml
TRC	002	July, 2008	0.1 mg/l	0.2mg/l

TRC	002	Jan, 2007	0.1 mg/l	0.53 mg/l
TRC	002	May, 2007	0.1 mg/l	0.73 mg/l
TRC	002	Jun, 2007	0.1 mg/l	0.73 mg/l
TRC	002	Jul, 2007	0.1 mg/l	0.34 mg/l
TRC	002	Aug, 2007	0.1 mg/l	0.66 mg/l
TRC	002	Sept, 2007	0.1 mg/l	0.13 mg/l
TRC	002	May, 2008	0.1 mg/l	0.21 mg/l
TRC	002	June, 2008	0.1 mg/l	0.21 mg/l
TRC	002	July, 2008	0.1 mg/l	0.17 mg/l
CBOD	003	Aug, 2008	10mg/l	11.6 mg/l
TSS	003	June, 2007	15 mg/l	16 mg/l
TSS	003	April, 2007	15 mg/l	16 mg/l
CBOD	003	May, 2007	10 mg/l	13 mg/l
CBOD	003	May, 2007	10 mg/l	31 mg/l
CBOD	003	June, 2007	15 mg/l	31 mg/l
CBOD	003	June, 2007	10 mg/l	19.5 mg/l
CBOD	003	June, 2008	15 mg/l	19.5 mg/l
CBOD	003	June, 2008	10 mg/l	27.9 mg/l
CBOD	003	July, 2008	15 mg/l	27.9 mg/l
TSS	003	July, 2008	15 mg/l	19 mg/l
TSS	003	April, 2007	15 mg/l	804 mg/l
TSS	003	June, 2007	23 mg/l	804 mg/l
TSS	003	June, 2007	15 mg/l	21 mg/l
TSS	003	Sept, 2007	15 mg/l	21 mg/l
Fecal col	003	July, 2007	200/100ml	8000/100 ml
Fecal col	003	June, 2007	400/100ml	8000/100 ml
TRC	003	June, 2007	0.1 mg/l	0.47 mg/l
TRC	003	Jul, 2007	0.1 mg/l	0.44 mg/l
TRC	003	Aug, 2007	0.1 mg/l	0.13 mg/l
TRC	003	Sept, 2007	0.1 mg/l	0.13 mg/l
TRC	003	May, 2008	0.1 mg/l	0.2 mg/l
TRC	003	Jun, 2008	0.1 mg/l	0.23 mg/l
TRC	003	Jul, 2008	0.1 mg/l	0.17 mg/l

XII. ADDITIONAL INFORMATION:

The Louisiana Department of Environmental Quality (LDEQ) reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional water quality studies and/or TMDL's. The LDEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as requested by the permittee and/or as necessary to achieve compliance with water quality standards. Therefore, prior to upgrading or expanding this facility, the permittee should contact the Department to determine the status of the work being done to establish future effluent limitations and additional permit conditions.

In accordance with LAC 33:IX.2903., this permit may be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitations issued or approved under sections 301(b)(2)(c) and (D); 304(b)(2); and 307(a)(2) of the Clean Water Act, if the effluent standard or limitations so issued or approved:

a) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or

b) Controls any pollutant not limited in the permit; or

d) Incorporates the results of any total maximum daily load allocation, which may be approved for the receiving water body.

At present, the **Monitoring Requirements, Sample Types, and Frequency of Sampling** as shown in the permit are the same as the previous permit.

XIII. TENTATIVE DETERMINATION:

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to reissue a permit for the discharge described in this Statement of Basis.

XIV. REFERENCES:

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 8, "Wasteload Allocations / Total Maximum Daily Loads and Effluent Limitations Policy," Louisiana Department of Environmental Quality, 2005.

Louisiana Water Quality Management Plan / Continuing Planning Process, Vol. 5, "Water Quality Inventory Section 305(b) Report," Louisiana Department of Environmental Quality, 1998.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Chapter 11 - "Louisiana Surface Water Quality Standards," Louisiana Department of Environmental Quality, 2004.

Louisiana Administrative Code, Title 33 - Environmental Quality, Part IX - Water Quality Regulations, Subpart 2 - "The LPDES Program," Louisiana Department of Environmental Quality, 2004.

Low-Flow Characteristics of Louisiana Streams, Water Resources Technical Report No. 22, United States Department of the Interior, Geological Survey, 1980.

Index to Surface Water Data in Louisiana, Water Resources Basic Records Report No. 17, United States Department of the Interior, Geological Survey, 1989.

LPDES Permit Application to Discharge Wastewater, Blue Bayou Water Park, LLC, Blue Bayou Water Park, September 19, 2008.